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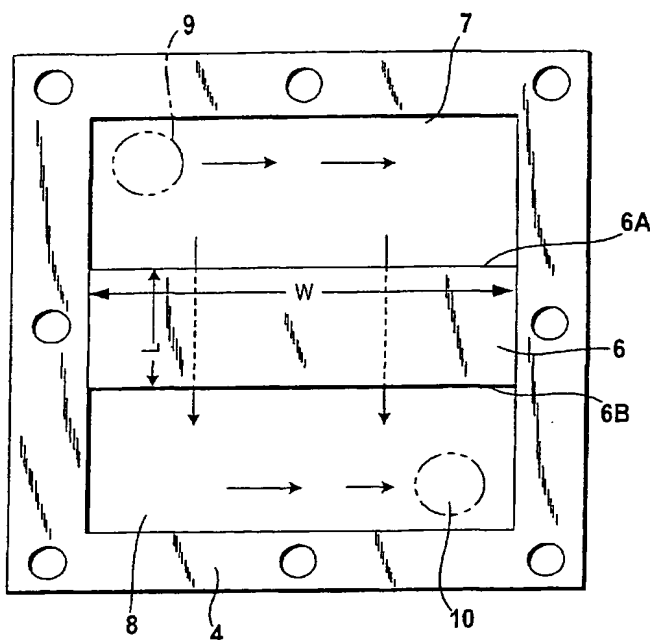
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(57) Abstract: A gas diffusion layer (6) is sandwiched between catalyst electrode layers (5) and separators (1, 2), and side faces (6A, 6B) of the gas diffusion layer (6) are arranged so as to face a gas inlet manifold (7) and outlet manifold (8), and partition the inlet manifold (7) and outlet manifold (8). In the gas diffusion layer (6), gas flows from the side face (6A) facing the inlet manifold (7), flows through the interior, and flows out from the side face (6B) facing the outlet manifold (8).

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# INTERNATIONAL SEARCH REPORT

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PCT/JP 03/07257

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 H01M4/86 H01M4/96

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 20, 10 July 2001 (2001-07-10) & JP 2001 076747 A (MICRO:KK), 23 March 2001 (2001-03-23) cited in the application abstract	1-7
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 07, 29 September 2000 (2000-09-29) & JP 2000 123850 A (FUJI ELECTRIC CO LTD), 28 April 2000 (2000-04-28) abstract	1-7

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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# INTERNATIONAL SEARCH REPORT

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2001076747	A	23-03-2001	NONE	
JP 2000123850	A	28-04-2000	NONE	